

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method of preventing use of an unauthorized copy of a software program residing on an optical medium, the method comprising:

providing a protection program ~~built on the ASPI layer on the optical medium~~, the protection program residing on the optical medium with the software program;

searching, using the protection program residing on the optical medium, for a file on the optical medium prior to determining a media type of the optical medium, the file containing the software program;

determining, using the protection program residing on the optical medium, the media type of the optical medium containing the software program; and

inhibiting, using the protection program residing on the optical medium, execution of the software program stored on the optical medium if:

the file is missing on the optical medium, or

the optical medium has media type that indicates that the optical medium is copied.

2. (previously presented) The method of claim 1, wherein inhibiting the execution of the software program comprises preventing execution of selected features of the software program.

3. (previously presented) The method of claim 2, wherein inhibiting the execution of the software program comprises determining a set of features of the software program to execute.

4. (previously presented) The method of claim 1, wherein inhibiting the execution of the software program comprises preventing execution of the software program.

5. (previously presented) The method of claim 1, wherein determining a media type comprises accessing the optical medium in a drive of a computer and reviewing a medium-type code field contained in a mode parameter header of the optical medium.

6. (previously presented) The method of claim 5, wherein the drive is a compact disk-read/write (CD-R/W) drive.

7. (previously presented) The method of claim 1, wherein a media type indicates that the optical medium is copied is one of a write-once media type and an erasable/rewriteable media type.

8. (previously presented) The method of claim 1, further comprising executing the software program stored on the optical medium if determining determines the optical medium to be an optical read-only medium.

9. (canceled)

10. (Currently Amended) A method of authenticating an original optical medium, the method comprising:

accessing the optical medium in a compact disk-read/write (CD-R/W) drive coupled to a computer; and

identifying a protection program built on the ASPI layer, the protection program residing on the optical medium;

searching, using the protection program residing on the optical medium, for a file on the optical medium prior to checking a media type of the optical medium, the file containing a software program to be authenticated; and

checking, using the protection program residing on the optical medium, the media type of the optical medium by examining a mode parameter header of the optical medium once the file has been located, the mode parameter header containing a media type code field.

11. (canceled)

12. (previously presented) The method of claim 10, wherein checking a media type comprises reviewing a medium-type code field contained in a mode parameter header of the optical medium.

13. (previously presented) The method of claim 10, wherein checking the media type comprises verifying that the optical medium has a read-only media type.

14. (original) The method of claim 13, wherein a read-only media type is indicative that the optical medium is an original version.

15. (previously presented) The method of claim 13, further comprising executing a software program stored on the optical medium if the optical medium has a read-only media type.

16. (previously presented) The method of claim 10, wherein checking the media type comprises identifying if the media type is one of a write-once media type and an erasable/rewriteable media type.

17. (previously presented) The method of claim 16, further comprising inhibiting execution of a software program stored on the optical medium if checking identifies that the media type is one of a write-once media type and an erasable/rewriteable optical media type.

18. (Currently Amended) A method of preventing execution of an unauthorized copy of a software program stored on an optical medium, the method comprising:

identifying a protection program built on the ASPI layer, the protection program residing on the optical medium with the software program;

searching, using the protection program residing on the optical medium, for a file on the optical medium prior to determining a media type of the optical medium, the file containing the software program;

determining, using the protection program residing on the optical medium, the media type of the optical medium; and

executing the software program stored on the optical medium if:

the file is included on the optical medium, and

the optical medium has a media type that indicates that the optical medium is an original version.

19. (original) The method of claim 18, wherein a read-only media type indicates that the optical medium is an original version.

20. (previously presented) The method of claim 18, further comprising inhibiting execution of the software program if the optical medium does not have a read-only media type.

21. (Currently Amended) A computer-readable optical medium containing instructions for preventing use of an unauthorized copy of a software program stored on the optical medium when the instructions are executed on a processing device, the medium storing:

instructions for the software program; and

instructions for a protection program built on the ASPI layer that prevents the unauthorized copy of the software program from being used when the instructions for the protection program are executed on the processing device, the instructions for the protection program comprising instructions for:

searching, using the protection program residing on the optical medium, for a file on the optical medium prior to determining a media type of the optical medium, the file containing the software program;

determining, using the protection program residing on the optical medium, the media type of the optical medium containing the software program; and

inhibiting, using the protection program residing on the optical medium, execution of the software program stored on the optical medium if:

the file is missing on the optical medium, or

the optical medium has media type that indicates that the optical medium is copied.

22. (Currently Amended) A computer-readable optical medium containing instructions for interacting with the optical medium when the instructions are executed on a processing device, the medium storing:

instructions for a software program; and

instructions for a protection program built on the ASPI layer that prevents use of an unauthorized copy of the software program, the instructions for the protection program comprising instructions for:

detecting the optical medium in a compact disk-read/write (CD-R/W) drive of a computer;

searching, using the protection program residing on the optical medium, for a file on the optical medium prior to checking a media type of the optical medium, the file containing the software program; and

checking, using the protection program residing on the optical medium, the media type of the optical medium by examining a mode parameter header of the optical medium once the file has been located, the mode parameter header containing a media type code field.

23. (Currently Amended) A computer-readable optical medium containing instructions for preventing execution of an unauthorized copy of a software program stored on the optical medium when the instructions are executed on a processing device, the medium storing:

instructions for the software program; and

instructions for a protection program built on the ASPI layer that prevents the unauthorized copy of the software program from being executed when the instructions for the protection program are executed on the processing device;

searching, using the protection program residing on the optical medium, for a file on the optical medium prior to determining a media type of the optical medium, the file containing the software program;

determining, using the protection program residing on the optical medium, the media type of the optical medium; and

executing the software program stored on the optical medium if:

the file is included on the optical medium, and

the optical medium has a media type that indicates that the optical medium is an original version.

24. (Currently Amended) An electronic device comprising:

a memory for storing computer program instructions,

a processor for executing the stored computer program instructions, and

a compact disk-read/write (CD-R/W) drive for receiving an optical medium containing a software program and a protection program built on the ASPI layer ~~of the optical medium~~, the protection program including instructions for searching, from the optical medium, for a file on the optical medium prior to determining a media type of the optical medium, the file containing

the software program, determining the media type of the optical medium and inhibiting execution of the software program stored on the optical medium if the file is missing on the optical medium or the optical medium has media type that indicates that the optical medium is copied.